

#### ABSTRACT

A hydroxy fatty acid salt having an average particle diameter of from 5  $\mu\text{m}$  to 100  $\mu\text{m}$  with a composition of from 0.3 wt% to 2 wt%, and more preferably, from 0.5 wt% to 2 wt% is added to a raw material powder in powder metallurgy, and worm molding is performed. In addition, a hydroxy fatty acid salt having an average particle diameter of 50  $\mu\text{m}$  or less is attached on a mold in advance, and after that, the warm molding is performed. As a hydroxy fatty acid salt, 12-hydroxy lithium stearate is suitably used.